REMARKS

Upon review of the subject application, Applicants discovered several errors in the specification that are corrected by this Amendment. Applicants believe that no new matter is added to the application nor is the scope of the claimed invention affected.

Applicants submit that the above amendments are simply the correction of punctuation, grammatical, or typographical errors, or the clarification of terminology. Applicants believe the amendments made herein are not substantive changes and do not require additional work on the part of the Office. Therefore, entry of this Amendment is respectfully requested.

Should the Examiner have any questions or comments regarding these amendments, he/she is cordially invited to telephone the undersigned at his convenience.

Respectfully submitted,

Dated: 01/10/2006

By: _____
Jian Ma, Reg. No. 48,820
(858) 651-5527

QUALCOMM Incorporated
5775 Morehouse Drive
San Diego, California 92121
Telephone: (858) 651-4125
Facsimile: (858) 658-2502

CRCs are equal, then the CRC is said to be valid. If the CRC is valid, decoding for a successive iteration is carried out and a CRC of a decoded payload is computed, and compared to a CRC contained in the decoded packet. If the CRCs computed after two successive iterations are identical and valid, then the decoding is deemed to be successful, and terminated. If the CRCs computed after two successive iterations are not identical or not valid, decoding for additional *m* iterations is carried out and the test is repeated. In any case, decoding is terminated after N_{max} iterations. After the first N_{max} iterations, a CRC of the decoded payload is computed, and compared to a CRC contained in the decoded packet. If the two CRCs are equal, then the packet is declared successfully decoded. The above-described method is disclosed in ~~co-pending~~ application serial number 09/350,941, entitled "EFFICIENT ITERATIVE DECODING," filed July 9, 1999, now U.S. Patent No. 6,182,261, issued 1/30/2001, assigned to the assignee of the present invention, and incorporated herein by reference.